

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 05246885 A

(43) Date of publication of application: 24 . 09 . 93

(51) Int. Cl

A61K 37/24
A61K 37/02

(21) Application number: 04357539

(22) Date of filing: 24 . 12 . 92

(30) Priority: 26 . 12 . 91 JP 40335666

(71) Applicant: CHUGAI PHARMACEUT CO LTD

(72) Inventor: TAHIRA TAKESHI
KONISHI YOSHIHIRO

(54) PREVENTING AND THERAPEUTIC AGENT FOR
DISEASE CAUSED BY CEREBRAL
DYSFUNCTION

(57) Abstract:

PURPOSE: To obtain a preventing and therapeutic agent, having cell survival prolonging and/or acetylcholine transferase activating actions and useful for preventing and treating diseases caused by various cerebral dysfunctions.

CONSTITUTION: The objective preventing and therapeutic agent comprises one or two or more

hematopoietic factors selected from an erythropoietin, a granulocyte colony stimulating factor and a macrophage colony stimulating factor as an active ingredient and is useful for diseases caused by cerebral dysfunctions. Since this agent has excellent cell survival prolonging and acetylcholine transferase (ChAT) activating actions and low side effects, it is useful as a medicine applied to various diseases caused by the cerebral dysfunctions including Alzheimer disease, Alzheimer type senile dementia or cerebrovascular dementia.

COPYRIGHT: (C)1993, JPO&Japio